

Title (en)
Valve arrangement

Title (de)
Ventilanordnung

Title (fr)
Agencement de soupape

Publication
EP 2626122 A1 20130814 (EN)

Application
EP 12154678 A 20120209

Priority
EP 12154678 A 20120209

Abstract (en)
A fabric filter valve arrangement (9) adapted for providing pulses of compressed gas to clean fabric filter bags (6) in a fabric filter (1). The valve arrangement (9) comprises a plunger (12) movable in relation to an edge (15) of a first end (16) of a pulse pipe (13). When the valve arrangement (9) is closed the plunger (12) abuts the edge (15) of the first end (16) of the pulse pipe (13) thus blocking the flow of compressed gas to the interior (13a) of pulse pipe (13). A sealing portion (19) of a sealing material is arranged at the plunger (12) and/or the edge (15) of the first end (16) of the pulse pipe (13).

IPC 8 full level
B01D 46/04 (2006.01); **B01D 46/00** (2006.01); **B01D 46/42** (2006.01)

CPC (source: EP US)
B01D 46/04 (2013.01 - EP US); **B01D 46/4272** (2013.01 - EP US); **B01D 46/71** (2022.01 - EP US)

Citation (applicant)
EP 0678177 A1 19951025 - FLAEKT AB [SE]

Citation (search report)
• [I] EP 0678177 A1 19951025 - FLAEKT AB [SE]
• [I] WO 0129465 A1 20010426 - ASCO CONTROLS BV [NL], et al
• [X] EP 2390539 A1 20111130 - MESSINA AURELIO [IT]
• [A] US 926400 A 19090629 - FREANEY PATRICK J [US]
• [A] FR 2652631 A1 19910405 - MESSERSCHMITT BOELKOW BLOHM [DE]
• [A] EP 1085244 A2 20010321 - SMC KK [JP]

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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DOCDB simple family (application)
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